

Project No. 1251-100

Crude Oil Tank Farms Project, Agrood Area 30 (Module-1)



Enppi



System ID

030-LP-004

**System
Description**

Portable Fire protection equipment system

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2	Ready for Startup Certificate (RFSU)	
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Sr.	Pre-Commissioning and Commissioning Dossier Index	Applicable (Yes/No)
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	10.12) Instrumentation Pre-Commissioning Check Lists	
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11	Instrumentation Commissioning	
	11.01) Instrumentation Function Test Certificates	
	11.02) Instrumentation Supplier Check Lists & Reports	
Sr.	Pre-Commissioning and Commissioning Dossier Index	Applicable (Yes/No)
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	12.02) Electrical Drawings	
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	12.04) Electrical Cables Schedule	
	12.05) Electrical Cables Laying Certificates	
	12.06) Electrical Cables Testing Certificates	
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13	Electrical Commissioning	
	13.01) Electrical -Commissioning Check Lists	
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14	Red Marked-up Drawings	
	14.01) P&ID	
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Project: 01251-100
CRUDE OIL TANK FARM PROJECT (AGROOD AREA)



System ID	030-LP-004
System Description	Portable Fire protection equipment system

1-Mechanical Completion Certificate (MCC)



SYSTEM MECHANICAL COMPLETION CERTIFICATE (MCC)

PROJECT TITLE : EGPC CRUDE OIL TANK FARMS PROJECT (AGROOD-30)

PROJECT No : 1251-100 (AGROOD-30)

SYSTEM NAME : Portable Fire Protection Equipment System

SYSTEM ID : 030-LP-004

THIS IS TO CERTIFY THAT:

- THE ABOVE SYSTEM HAS BEEN FABRICATED, ERECTED, INSTALLED AND TESTED TO THE REQUIREMENTS OF THE CONTRACT DRAWINGS, SPECIFICATIONS, THE APPLICABLE CODES AND STANDARDS.
- ALL PRE-COMMISSIONING RELEVANT ACTIVITIES, TESTS, INSPECTIONS AND CHECKS HAVE BEEN CARRIED OUT FOR THIS SYSTEM AND FOUND ACCEPTABLE.
- Q/C DOCUMENTATION OF THE ABOVE SYSTEM HAS BEEN AUDITED BY THE CUSTOMER SITE QUALITY CONTROL AND FOUND COMPLETED.
- ALL PUNCH LIST ITEMS CATEGORY (A) IN THIS SUBSYSTEM WERE CLEARED.
- THIS SYTEM IS MECHANICALLY COMPLETED ON THE DATE AND READY FOR COMMISSIONING (RFC) WITH THE FOLLOWING EXCEPTIONS.

EXCEPTIONS :

NOTE: ACCEPTANCE OF THE ABOVE SYSTEM DOES NOT RELIEVE ENPPI/PETROJET FROM THEIR CONTRACTUAL OBLIGATIONS AND RESPONSIBILITIES.

COMPANY	PETROJET	ENPPI	PMC
NAME	Amr Gamal	Osama Elsayed	M. Saleh
TITLE	Cons.-eng.	Comm. Eng	Site. Manager
SIGNATURE			
DATE			



SYSTEM MECHANICAL COMPLETION CERTIFICATE (MCC)

PROJECT TITLE : EGPC CRUDE OIL TANK FARMS PROJECT (AGROOD-30)

PROJECT No : 1251-100 (AGROOD-30)

SYSTEM NAME : Portable Fire Protection Equipment System

SYSTEM ID : 030-LP-004

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COMPANY	PETROJET	ENPPI	PMC
NAME	Amr Gamal	Osama Elsayed	M. Saleh
TITLE	Cons-Eng.	Comm. Eng	Site Manager
SIGNATURE			
DATE			

اسم المشروع : مشروع مستودعات الخام الاستراتيجي - منطقة عجرو		محضر اجتماع
رقم المشروع : 1251-100	التاريخ : 2021-9-30	
مالك المشروع : الهيئة العامة المصرية للبترول (شركة أنابيب البترول)		
مكان الاجتماع : غرفة الاجتماعات - عجرو		لغرض من الاجتماع :
تاريخ الاجتماع : 2021-9-30	الإدارة :	
ملف رقم :	اجتماع رقم :	
محضر تسليم طفايات الحريق الخاصة بمبنى محطة الكهرباء بموقعي عجرو (الشركة العامة والتعاون)		
<p>حاضرون :</p> <p>بتروجت</p> <p>أنبي</p> <p>شركة أنابيب البترول</p> <p>السيد محمد</p> <p>السيد</p> <p>محمد عيسى</p> <p>Amr Elshor</p> <p>Commissioning</p>		
صورة إلى :		

محضر اجتماع (تابع)

بدرقم	التوصيف	التنفيذ	التاريخ															
	<ul style="list-style-type: none"> تم الاجتماع بين ممثلي شركة انبي وشركة بتروجت وشركة أنابيب البترول بخصوص تسليم طفايات الحريق الخاصة بمبنى محطة الكهرباء بموقعي عجرود (الشركة العامة والتعاون) 	للعلم																
	<ul style="list-style-type: none"> تم تسليم طفايات الحريق الخاصة بمبنى محطة الكهرباء بموقعي عجرود (الشركة العامة والتعاون) فقط طبقاً للرسومات الهندسية إلى ممثلي السلامة والصحة المهنية لشركة أنابيب البترول 	للعلم																
	<ul style="list-style-type: none"> لم يتم تسليم الطفايات الخاصة بما هو خارج محطة الكهرباء بموقعي عجرود (الشركة العامة والتعاون) وتم الاتفاق على تسليمها إلى ممثلي السلامة والصحة المهنية لشركة أنابيب البترول بعد الانتهاء من جميع الأعمال خارج المحطة (Outdoor). 	للعلم																
	<ul style="list-style-type: none"> الجدول المرفق يوضح توصيف الطفايات التي تم تسليمها لممثلي السلامة والصحة المهنية لشركة أنابيب البترول في تاريخه. 	للعلم																
	<ul style="list-style-type: none"> تم الاتفاق على تركيب الطفايات بواسطة شركة بتروجت حسب الرسومات الهندسية. 	بتروجت																
	<table border="1"> <thead> <tr> <th>Area</th><th>Type</th><th>Quantity</th></tr> </thead> <tbody> <tr> <td>30</td><td>7.7 KG PORTABLE DRY CHEMICAL FIRE EXTINGUISHER</td><td>5</td></tr> <tr> <td>30</td><td>6.8 KG PORTABLE CARBON DIOXIDE FIRE EXTINGUISHER</td><td>13</td></tr> <tr> <td>31</td><td>7.7 KG PORTABLE DRY CHEMICAL FIRE EXTINGUISHER</td><td>5</td></tr> <tr> <td>31</td><td>6.8 KG PORTABLE CARBON DIOXIDE FIRE EXTINGUISHER</td><td>13</td></tr> </tbody> </table>	Area	Type	Quantity	30	7.7 KG PORTABLE DRY CHEMICAL FIRE EXTINGUISHER	5	30	6.8 KG PORTABLE CARBON DIOXIDE FIRE EXTINGUISHER	13	31	7.7 KG PORTABLE DRY CHEMICAL FIRE EXTINGUISHER	5	31	6.8 KG PORTABLE CARBON DIOXIDE FIRE EXTINGUISHER	13		
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31	7.7 KG PORTABLE DRY CHEMICAL FIRE EXTINGUISHER	5																
31	6.8 KG PORTABLE CARBON DIOXIDE FIRE EXTINGUISHER	13																

الصحة
السلامة

Enppi
Shah
30.8.21

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الصحة
السلامة

Enppi
Shah
80.8.21

PTG
8



Project: 01251-100
CRUDE OIL TANK FARM PROJECT (AGROOD AREA)



System ID	030-LP-004
System Description	Portable Fire protection equipment system

2- Ready for Startup Certificate (RFSU)

READY FOR START UP CERTIFICATE

PROJECT TITLE : EGPC CRUDE OIL TANK FARMS PROJECT (AGROOD-30)

PROJECT No. : 1251-100 (AGROOD-30)

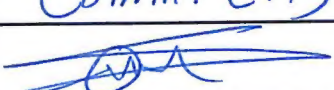

SYSTEM /AREA /PLANT : Portable Fire Protection Equipment System

SYSTEM /AREA /PLANT No. : 030-LP-004

THIS IS TO CERTIFY THAT:

- THE MENTIONED SYSTEM /AREA /PLANT IS READY FOR START UP WHERE ALL MECHANICAL WORKS, PRECOMMISSIONING AND COMMISSIONING ACTIVITIES HAVE BEEN SUCCESSFULLY COMPLETED.
- MECHANICAL COMPLETION CERTIFICATE(S) FOR THE MENTIONED SYSTEM / AREA / PLANT HAVE BEEN SIGNED.
- ISSUANCE OF THIS READY FOR START UP CERTIFICATE(S) SHALL NOT RELIEVE CONTRACTOR(S) FROM THEIR OBLIGATIONS TO COMPLETE THE REMAINING SYSTEMS NOR FROM THEIR WARRANTY OBLIGATIONS AND OTHER PROVISIONS OF THE CONTRACT.
- THE FOLLOWING EXCEPTIONS AGREED TO BE CLEARED AFTER START UP AND WILL NOT PREVENT START UP ACTIVITIES.

EXCEPTIONS :

COMPANY	ENPPI	PPC
NAME	Osama Elsaied	M. Saïen
TITLE	Comm. Eng	Site Manager
SIGNATURE		
DATE	22/3/2022	



Project: 01251-100
CRUDE OIL TANK FARM PROJECT (AGROOD AREA)



System ID	030-LP-004
System Description	Portable Fire protection equipment system

3- System Punch Lists

Agreed 1



PUNCH LIST



PROJECT TITLE : CRUDE OIL TANK FARM PROJECT (AGROOD AREA)

PROJECT NUMBER : 01251-100

DISCIPLINE: Loss Prevention

SYSTEM NAME: Portable Fire Protection Equipment System

SYSTEM ID: 030-LP-004

SUB-SYSTEM NAME:

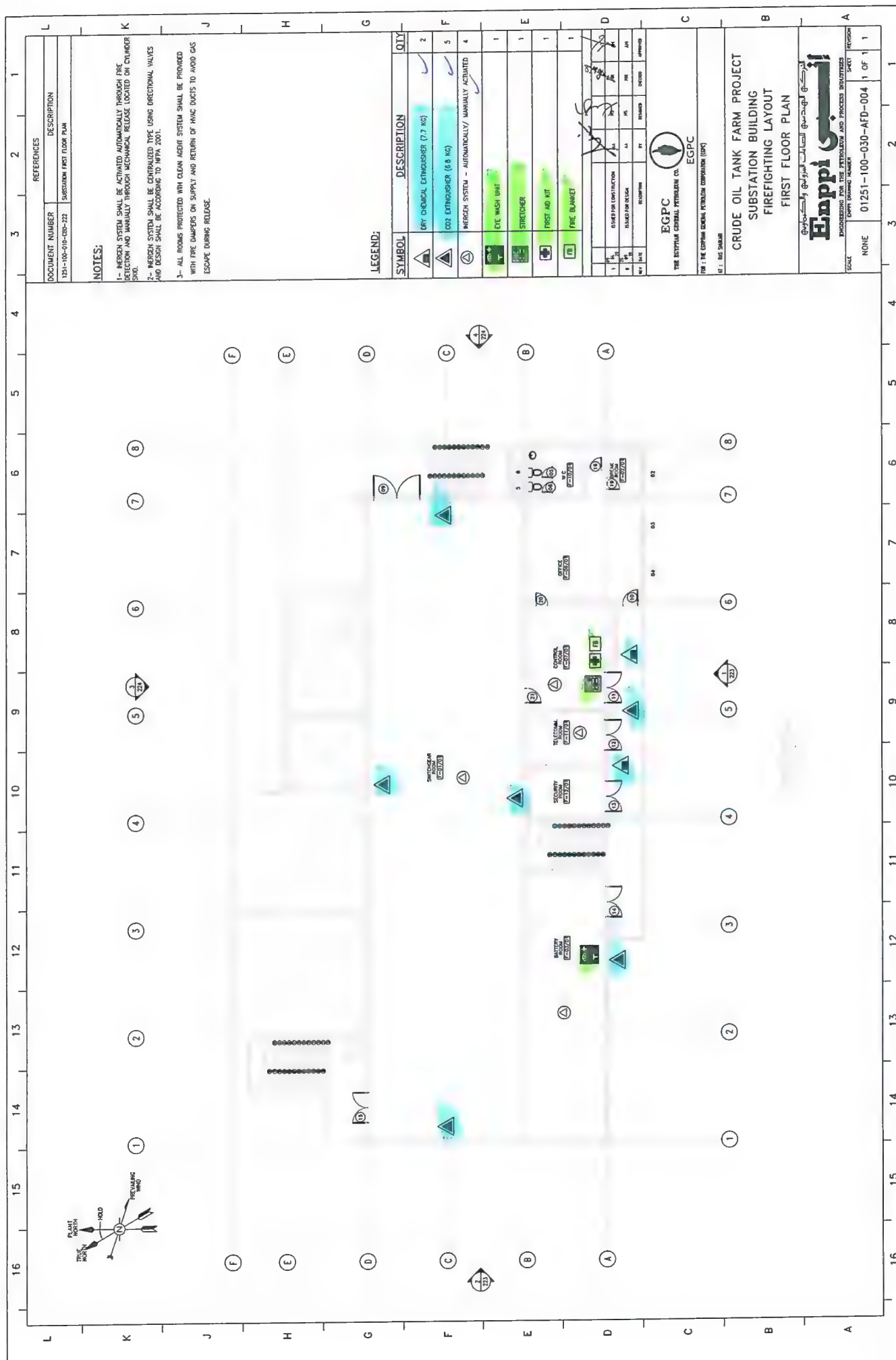
SUB-SYSTEM ID:

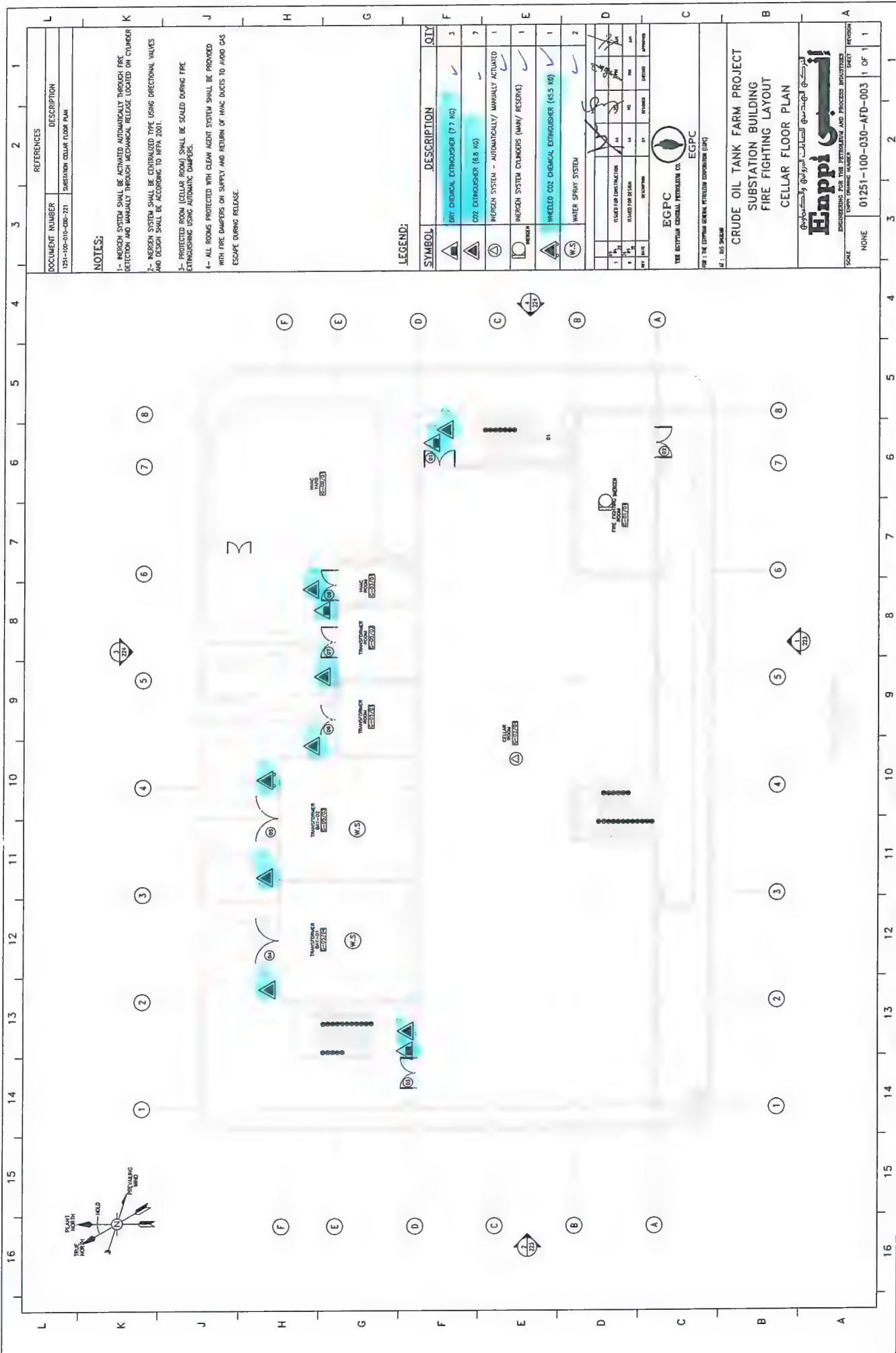
NO	DESCRIPTION	CAT	ACTION BY	DISP	CLEARANCE APPROVED BY	
1	All system CO ₂ Extinguishers to be installed (2 units)	A	PTJ	Mech		
2	All Dry chemical Extinguishers to be installed (5 units)	A	PTJ	Mech		
3	Foam trailer to be installed	A	PTJ	Mech		
4	Mobile Foam unit to be installed (4 units)	A	PTJ	Mech		
5	Wheeled CO ₂ chemical extinguisher to be installed + wheeled Dry chemical extinguisher	A	PTJ	Mech		
6	All safety equipment [Fire blanket, First Aid Kit cabinet, Safety sign, stretcher, wind sock] to be installed	A	PTJ	Mech		
Note: All above items to be installed at their locations as per attached drawings						

CAT: CATEGORY(A,B,C) , ACTION BY: (ENPPI, CONST. CONTRACTOR, SUPPLIER.....) , DISP: DISCIPLINE(PIP, MECH, ELECT, INST.....)

COMPANY	PTJ	ENPPI	PMC
NAME		Abd. M. Fathy	M. Saleh
SIGN.			
DATE			

030-LP-004	Portable Fire Protection Equipment System	Loss Prevention	030-FE-01	CO2 Extinguisher	Checklist	LP-06 A	Required
030-LP-004	Portable Fire Protection Equipment System	Loss Prevention	030-FE-01	Dry Chemical Fire Extinguisher	Checklist	LP-06 A	Required
030-LP-004	Portable Fire Protection Equipment System	Loss Prevention	030-FE-01	Foam Trailer	Checklist	LP-08 A	Required
030-LP-004	Portable Fire Protection Equipment System	Loss Prevention	030-MFU-001	MOBILE FOAM UNIT	Checklist	LP-07 A	Required
030-LP-004	Portable Fire Protection Equipment System	Loss Prevention	FIRE BLANKET	SAFETY EQUIPMENT	Checklist	LP-09 A	Required
030-LP-004	Portable Fire Protection Equipment System	Loss Prevention	FIRST AID KIT CABINET	SAFETY EQUIPMENT	Checklist	LP-09 A	Required
030-LP-004	Portable Fire Protection Equipment System	Loss Prevention	SAFETY SIGNS	SAFETY EQUIPMENT	Checklist	LP-09 A	Required
030-LP-004	Portable Fire Protection Equipment System	Loss Prevention	STRETCHER	SAFETY EQUIPMENT	Checklist	LP-09 A	Required
030-LP-004	Portable Fire Protection Equipment System	Loss Prevention	WIND SOCK	SAFETY EQUIPMENT	Checklist	LP-09 A	Required
030-LP-004	Portable Fire Protection Equipment System	Loss Prevention	030-FE-03	Wheeled CO2 Extinguisher	Checklist	LP-06 A	Required







Project: 01251-100
CRUDE OIL TANK FARM PROJECT (AGROOD AREA)



System ID

030-LP-004

System Description

Portable Fire protection equipment system

4- System Limits Marked Up P&ID

System ID	030-LP-004
System Description	Portable Fire protection equipment system

5- System Index



Project: 01251-100
CRUDE OIL TANK FARM PROJECT (AGROOD AREA)



System ID	030-LP-004
System Description	Portable Fire protection equipment system

6- Piping Pre-Commissioning



Project: 01251-100
CRUDE OIL TANK FARM PROJECT (AGROOD AREA)



System ID	030-LP-004
System Description	Portable Fire protection equipment system

6.01- Piping Test Packs



Project: 01251-100
CRUDE OIL TANK FARM PROJECT (AGROOD AREA)



System ID	030-LP-004
System Description	Portable Fire protection equipment system

6.02- Piping Pre-commissioning Check Lists



Project: 01251-100
CRUDE OIL TANK FARM PROJECT (AGROOD AREA)



System ID	030-LP-004
System Description	Portable Fire protection equipment system

7- Piping Commissioning



Project: 01251-100
CRUDE OIL TANK FARM PROJECT (AGROOD AREA)



System ID	030-LP-004
System Description	Portable Fire protection equipment system

7.01- Service Test, GLT, CLT and N2 Purging Certificates



Project: 01251-100
CRUDE OIL TANK FARM PROJECT (AGROOD AREA)



System ID	030-LP-004
System Description	Portable Fire protection equipment system

7.02- Piping Commissioning Check Lists



Project: 01251-100
CRUDE OIL TANK FARM PROJECT (AGROOD AREA)



System ID	030-LP-004
System Description	Portable Fire protection equipment system

8- Mechanical pre-Commissioning



Project: 01251-100
CRUDE OIL TANK FARM PROJECT (AGROOD AREA)



System ID	030-LP-004
System Description	Portable Fire protection equipment system

8.01- System Mechanical Index



Project: 01251-100
CRUDE OIL TANK FARM PROJECT (AGROOD AREA)



System ID	030-LP-004
System Description	Portable Fire protection equipment system

8.02- Equipment Drawings



Project: 01251-100
CRUDE OIL TANK FARM PROJECT (AGROOD AREA)



System ID	030-LP-004
System Description	Portable Fire protection equipment system

8.03- Equipment Datasheets



Project: 01251-100
CRUDE OIL TANK FARM PROJECT (AGROOD AREA)



System ID	030-LP-004
System Description	Portable Fire protection equipment system

8.04- Boxing-up Certificates



Project: 01251-100
CRUDE OIL TANK FARM PROJECT (AGROOD AREA)



System ID	030-LP-004
System Description	Portable Fire protection equipment system

8.05- Grouting Certificates



Project: 01251-100
CRUDE OIL TANK FARM PROJECT (AGROOD AREA)



System ID	030-LP-004
System Description	Portable Fire protection equipment system

8.06- Pre-Alignment Certificates



Project: 01251-100
CRUDE OIL TANK FARM PROJECT (AGROOD AREA)



System ID

030-LP-004

System Description

Portable Fire protection equipment system

8.07- Mechanical Pre-Commissioning Checklists



Project: 01251-100
CRUDE OIL TANK FARM PROJECT (AGROOD AREA)



System ID	030-LP-004
System Description	Portable Fire protection equipment system

9- Mechanical Commissioning



Project: 01251-100
CRUDE OIL TANK FARM PROJECT (AGROOD AREA)



System ID	030-LP-004
System Description	Portable Fire protection equipment system

9.01- Final Alignment Certificates



Project: 01251-100
CRUDE OIL TANK FARM PROJECT (AGROOD AREA)



System ID	030-LP-004
System Description	Portable Fire protection equipment system

9.02- Motor Solo Run Certificates



Project: 01251-100
CRUDE OIL TANK FARM PROJECT (AGROOD AREA)



System ID	030-LP-004
System Description	Portable Fire protection equipment system

9.03- Mechanical Run Test (MRT) Certificates



Project: 01251-100
CRUDE OIL TANK FARM PROJECT (AGROOD AREA)



System ID	030-LP-004
System Description	Portable Fire protection equipment system

9.04- Mechanical Commissioning Checklists



Project: 01251-100
CRUDE OIL TANK FARM PROJECT (AGROOD AREA)



System ID	030-LP-004
System Description	Portable Fire protection equipment system

9.05- Mechanical Supplier Check Lists & Reports



Project: 01251-100
CRUDE OIL TANK FARM PROJECT (AGROOD AREA)



System ID	030-LP-004
System Description	Portable Fire protection equipment system

10- Instrumentation Pre-Commissioning



Project: 01251-100
CRUDE OIL TANK FARM PROJECT (AGROOD AREA)



System ID	030-LP-004
System Description	Portable Fire protection equipment system

10.01- System Instrument Index



Project: 01251-100
CRUDE OIL TANK FARM PROJECT (AGROOD AREA)



System ID	030-LP-004
System Description	Portable Fire protection equipment system

10.02- Instrument Data Sheets



Project: 01251-100
CRUDE OIL TANK FARM PROJECT (AGROOD AREA)



System ID	030-LP-004
System Description	Portable Fire protection equipment system

10.03- Instrument Cable Schedule

System ID	030-LP-004
System Description	Portable Fire protection equipment system

10.04- System Instrumentation Wiring Diagram



Project: 01251-100
CRUDE OIL TANK FARM PROJECT (AGROOD AREA)



System ID	030-LP-004
System Description	Portable Fire protection equipment system

10.05- Hook-up Drawing (Mechanical & Pneumatic)



Project: 01251-100
CRUDE OIL TANK FARM PROJECT (AGROOD AREA)



System ID	030-LP-004
System Description	Portable Fire protection equipment system

10.06- Instruments Cables Schedule



Project: 01251-100
CRUDE OIL TANK FARM PROJECT (AGROOD AREA)



System ID	030-LP-004
System Description	Portable Fire protection equipment system

10.07- Instruments Cables Laying Certificates



Project: 01251-100
CRUDE OIL TANK FARM PROJECT (AGROOD AREA)



System ID	030-LP-004
System Description	Portable Fire protection equipment system

10.08- Instruments Cables Termination Certificates



Project: 01251-100
CRUDE OIL TANK FARM PROJECT (AGROOD AREA)



System ID	030-LP-004
System Description	Portable Fire protection equipment system

10.09- Instruments Cables Testing Certificates



Project: 01251-100
CRUDE OIL TANK FARM PROJECT (AGROOD AREA)



System ID	030-LP-004
System Description	Portable Fire protection equipment system

10.10- Instruments Calibration Certificates



Project: 01251-100
CRUDE OIL TANK FARM PROJECT (AGROOD AREA)



System ID	030-LP-004
System Description	Portable Fire protection equipment system

10.11- Instrument Loop Checks Certificates



Project: 01251-100
CRUDE OIL TANK FARM PROJECT (AGROOD AREA)



System ID	030-LP-004
System Description	Portable Fire protection equipment system

10.12- Instrumentation Pre-Commissioning Check Lists



Project: 01251-100
CRUDE OIL TANK FARM PROJECT (AGROOD AREA)



System ID	030-LP-004
System Description	Portable Fire protection equipment system

10.13- Instrumentation Supplier Check Lists & Reports



Project: 01251-100
CRUDE OIL TANK FARM PROJECT (AGROOD AREA)



System ID	030-LP-004
System Description	Portable Fire protection equipment system

11- Instrumentation Commissioning



Project: 01251-100
CRUDE OIL TANK FARM PROJECT (AGROOD AREA)



System ID	030-LP-004
System Description	Portable Fire protection equipment system

11.01) Instrumentation Function Test Certificates



Project: 01251-100
CRUDE OIL TANK FARM PROJECT (AGROOD AREA)



System ID	030-LP-004
System Description	Portable Fire protection equipment system

11.02- Instrumentation Supplier Check Lists & Reports



Project: 01251-100
CRUDE OIL TANK FARM PROJECT (AGROOD AREA)



System ID	030-LP-004
System Description	Portable Fire protection equipment system

12- Electrical Pre-Commissioning



Project: 01251-100
CRUDE OIL TANK FARM PROJECT (AGROOD AREA)



System ID	030-LP-004
System Description	Portable Fire protection equipment system

12.01- System Electrical Index



Project: 01251-100
CRUDE OIL TANK FARM PROJECT (AGROOD AREA)



System ID	030-LP-004
System Description	Portable Fire protection equipment system

12.02- Electrical Drawings



Project: 01251-100
CRUDE OIL TANK FARM PROJECT (AGROOD AREA)



System ID	030-LP-004
System Description	Portable Fire protection equipment system

12.03- Motor Datasheets

System ID	030-LP-004
System Description	Portable Fire protection equipment system

12.04- Electrical Cables Schedule



Project: 01251-100
CRUDE OIL TANK FARM PROJECT (AGROOD AREA)



System ID	030-LP-004
System Description	Portable Fire protection equipment system

12.05- Electrical Cables Laying Certificates



Project: 01251-100
CRUDE OIL TANK FARM PROJECT (AGROOD AREA)



System ID	030-LP-004
System Description	Portable Fire protection equipment system

12.06- Electrical Cables Testing Certificates



Project: 01251-100
CRUDE OIL TANK FARM PROJECT (AGROOD AREA)



System ID	030-LP-004
System Description	Portable Fire protection equipment system

12.07- Electrical Cables Termination Certificates



Project: 01251-100
CRUDE OIL TANK FARM PROJECT (AGROOD AREA)



System ID	030-LP-004
System Description	Portable Fire protection equipment system

12.08- FAT Reports & Certificates



Project: 01251-100
CRUDE OIL TANK FARM PROJECT (AGROOD AREA)



System ID	030-LP-004
System Description	Portable Fire protection equipment system

12.09- SAT Reports & Certificates



Project: 01251-100
CRUDE OIL TANK FARM PROJECT (AGROOD AREA)



System ID	030-LP-004
System Description	Portable Fire protection equipment system

12.10- Electrical Pre-Commissioning Check Lists



Project: 01251-100
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System ID	030-LP-004
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12.11- Electrical Supplier Check Lists & Reports



Project: 01251-100
CRUDE OIL TANK FARM PROJECT (AGROOD AREA)



System ID	030-LP-004
System Description	Portable Fire protection equipment system

13- Electrical Commissioning



Project: 01251-100
CRUDE OIL TANK FARM PROJECT (AGROOD AREA)



System ID	030-LP-004
System Description	Portable Fire protection equipment system

13.01- Electrical -Commissioning Check Lists



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System ID	030-LP-004
System Description	Portable Fire protection equipment system

13.02- Electrical Supplier Check Lists & Reports



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System ID	030-LP-004
System Description	Portable Fire protection equipment system

14- Red Marked-up Drawings



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System ID	030-LP-004
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14.01- P&ID



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14.02- Instrumentation Drawings



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14.03- Electrical Drawings